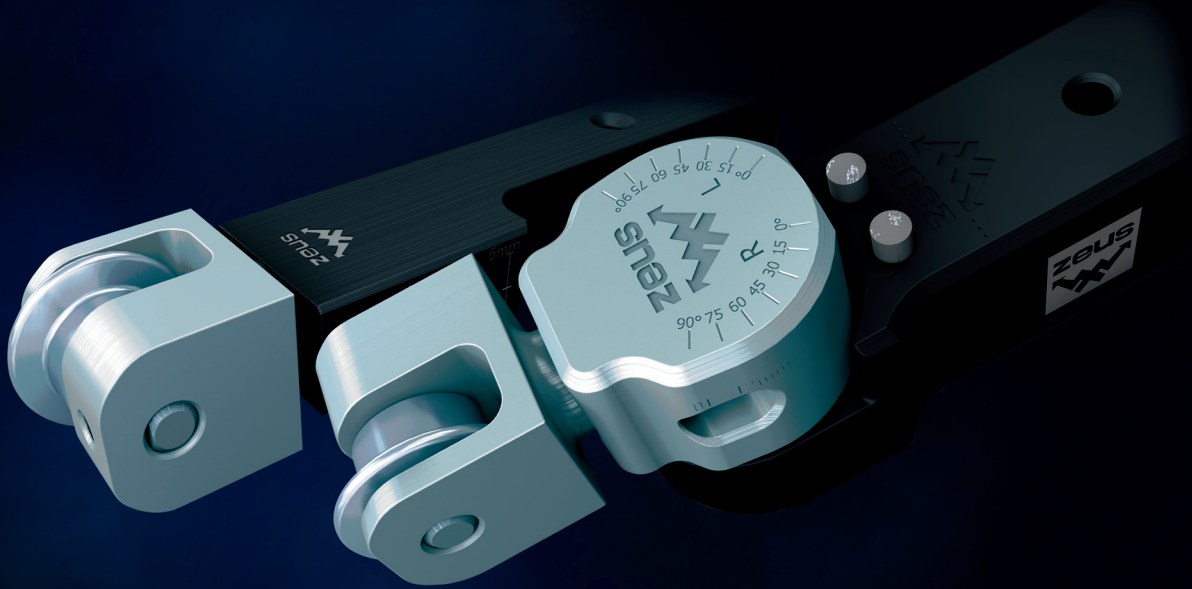




PRESS RELEASE



NEW ZEUS ROLLER BURNISHING TOOLS ARE THE KEY TO PERFECT FINISHING QUALITY

GW530 and GW540 swiss-type and automatic short-turning lathes variants expand product portfolio

Burnishing depths of less than $Rz < 1.0 \mu\text{m}$ on components and workpieces with hardnesses of up to 65 HRC - with the zeus diamond burnishing tools, Hommel+Keller Präzisionswerkzeuge GmbH from Aldingen offers productive tools as an economical alternative to machining processes such as honing and lapping. The precision tool manufacturer is now expanding its portfolio of burnishing technology.

At the AMB in Stuttgart, the company will be presenting the new high-performance zeus roller burnishing tools GW530 and GW540 for swiss-type and automatic short-type lathes in Hall 1, Stand A72, alongside other tools from its portfolio.

Extremely polished surfaces are essential for a large number of components and machine elements. They are more resistant to faults and more durable in later use. While precision machining methods such as grinding, honing or lapping used to be the key to perfect surface finishes, today it is often easier, faster and more cost-effective:

Burnishing with Rolls is the technology of the hour. Wherever very tight tolerances are required in terms of surface finish and dimensional accuracy, Hommel+Keller's zeus roller burnishing tools deliver the benefits in a double pack: surface finishes of $Rz < 2 \mu\text{m}$ and simultaneously hardened workpiece surface layers.

„Our roller burnishing technology is particularly economical, as it enables very short processing times with consistently high quality. No special machines are required, everything is possible in the user's normal machining centre. The particular advantage is that the workpiece can be finished in just one single step. Visitors to our trade fair stand can look forward to this: Tool solutions for knurling, marking, gear cutting, broaching and burnishing make your production productive and economical!“

– Sigmund Grimm –